



A-LEVEL – YEAR 13 – PHYSICS – CURRICULUM OVERVIEW

Autumn Term		Spring Term		Summer Term
Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1
Key Themes	Key Themes	Key Themes	Key Themes	Key Themes
Teacher 1 Electric fields Capacitors	Teacher 1 Capacitors continued Magnetic fields	Teacher 1 Electromagnetic induction	Teacher 1 Astrophysics	Teacher 1 Revision
Teacher 2 Simple harmonic motion and resonance continued Thermal physics	Teacher 2 Thermal physics continued Ideal gases	Teacher 2 Nuclear physics	Teacher 2 Nuclear physics continued Revision	Teacher 2 Revision
Assessment / Composite Tasks	Assessment / Composite Tasks	Assessment / Composite Tasks	Assessment / Composite Tasks	Assessment / Composite Tasks
Test: Electric fields Test: Simple harmonic motion Required practical: Capacitor charge and discharge	Mock exams Test: Capacitors Test: Thermal physics Required practical: Magnetic force on a conductor Required practical: Gas laws	Test: Magnetic fields and electromagnetic induction Test: Nuclear physics Required practical: Electromagnetic induction	Mock exams Required practical: Gamma radiation	Mock exam: Astrophysics